

Fig. 1

pAM7 and pAM9

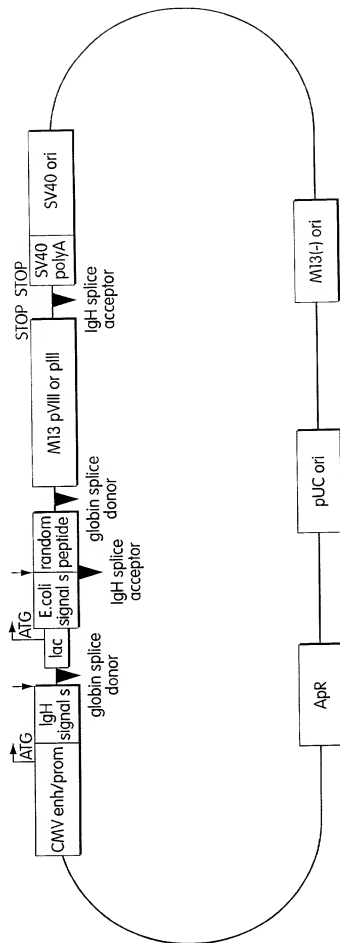


Fig. 2

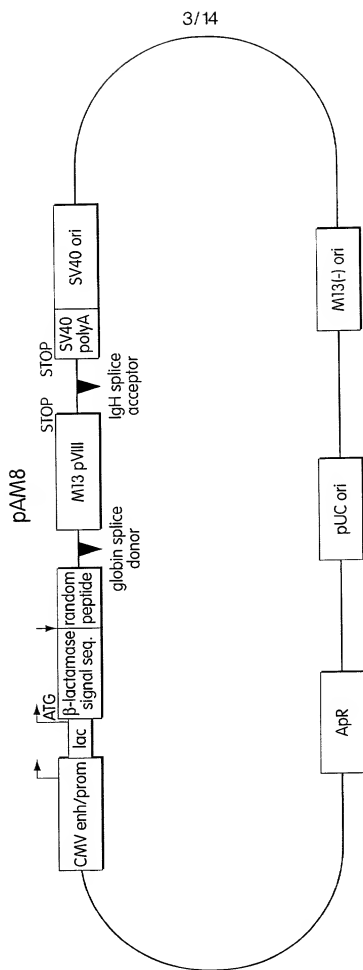


Fig. 3

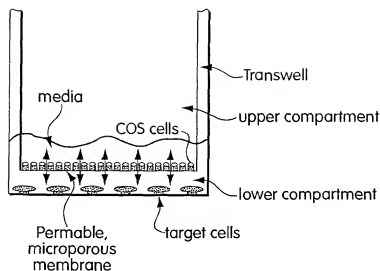
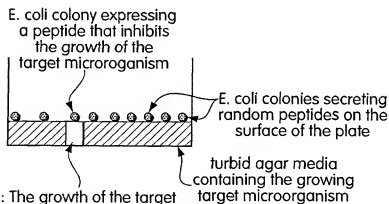


Fig. 4A



inhibition zone: The growth of the target microorganism is inhibited because of the presence of the diffusable, cytotoxic/cytostatic peptide secreted by the E. coli colony on the surface of the plate

Fig. 4B

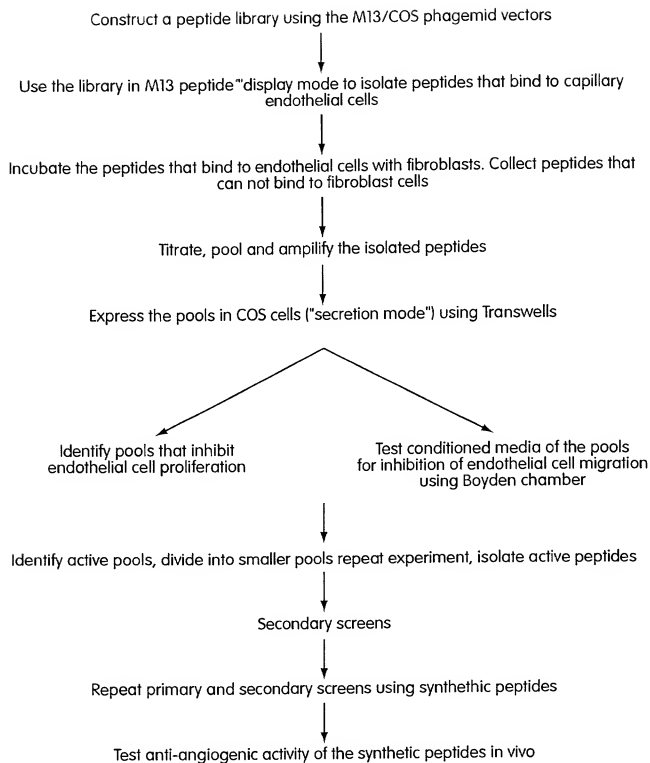


Fig. 5

pAM6

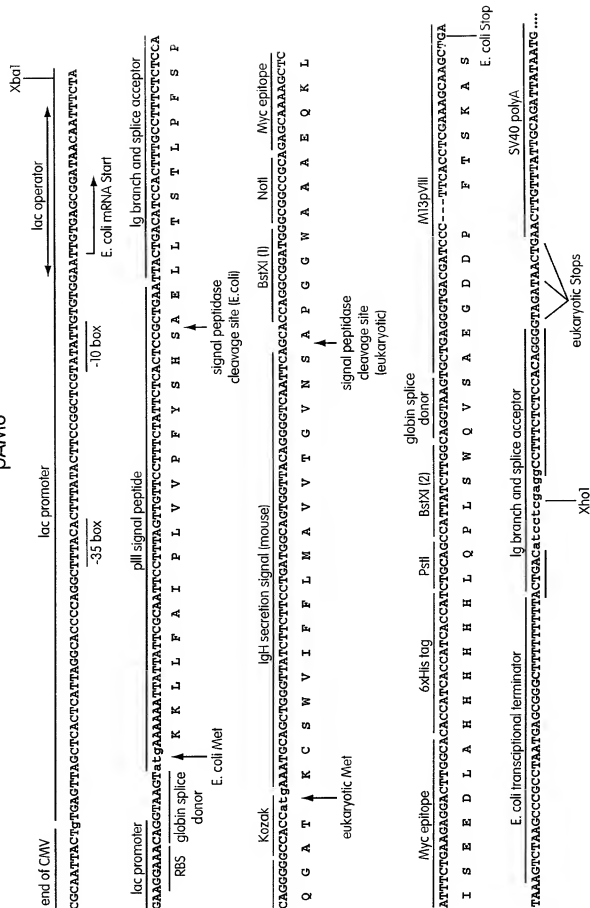


Fig. 6

pAM7

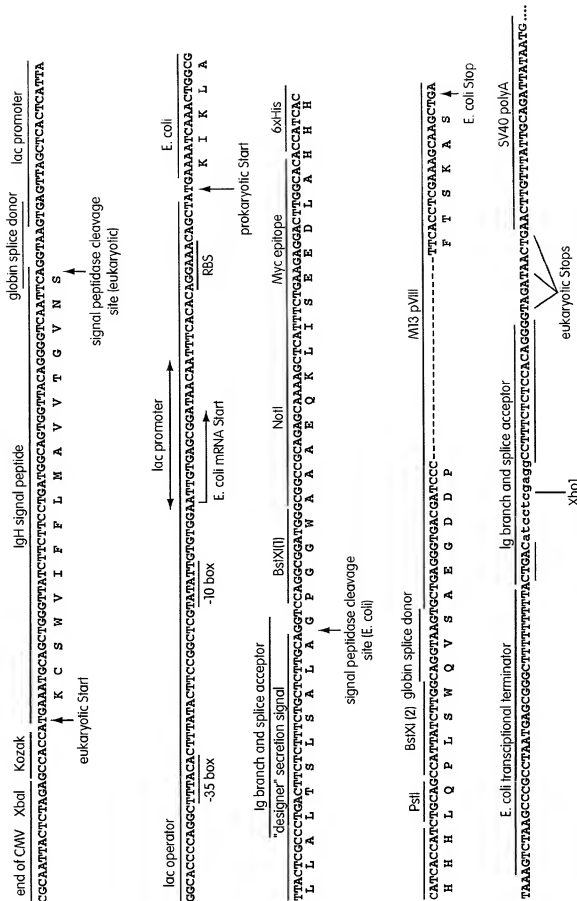


Fig. 7

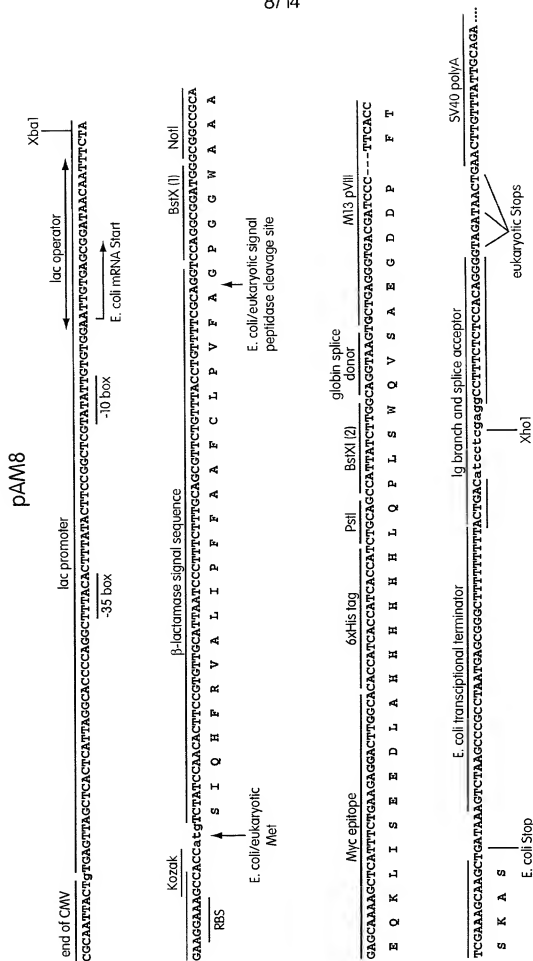


Fig. 8

9/14

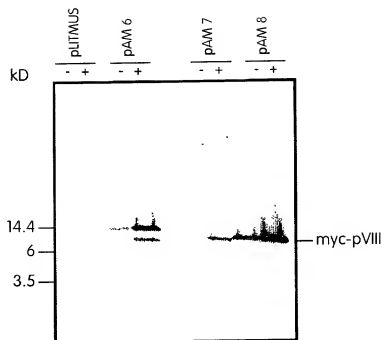


Fig. 9

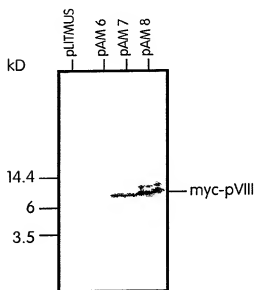


Fig. 10

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Characterization of the peptide display vectors

<u>Plasmids:</u>	<u>c.f.u.:</u>	<u>p.f.u.:</u>	<u>c.f.u./p.f.u.:</u>
pAM6	$2.8 \times 10^{12}/\text{ml}$	$1.9 \times 10^{11}/\text{ml}$	~15
pAM7	$2 \times 10^{12}/\text{ml}$	$1.5 \times 10^{11}/\text{ml}$	~13
pAM8	$10^{12}/\text{ml}$	$2.2 \times 10^{11}/\text{ml}$	~5
pLITMUS	$2 \times 10^{12}/\text{ml}$	$8.4 \times 10^{11}/\text{ml}$	~2

Fig.11

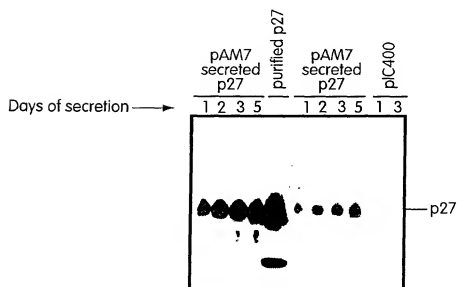


Fig.12

displayed peptide	-		myc		tsp		RGD		K1	
	+	-	+	-	+	-	+	-	+	-
helper	+	-	+	-	+	-	+	-	+	-
wild type pll (M13K07)	+	-	+	-	+	-	+	-	+	-
amber mutant pll	-	+	-	+	-	+	-	+	-	+

pll-K1

pll-fusions

pll

Fig. 13

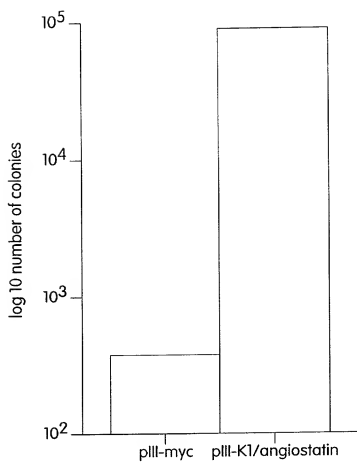


Fig. 14

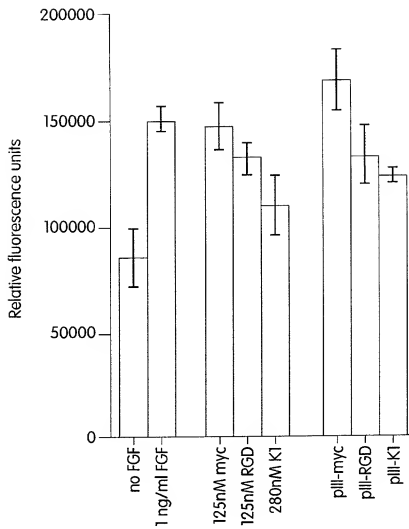


Fig. 15A

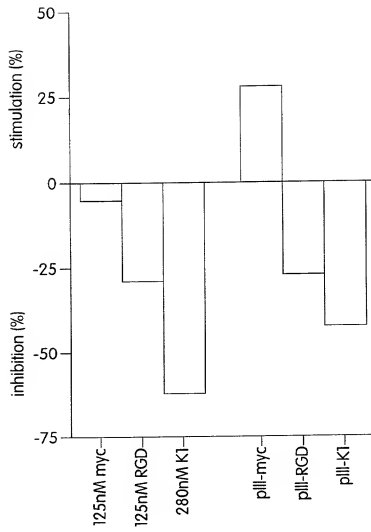


Fig. 15B